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(54) **PRINTING APPARATUS AND DRIVING METHOD THEREFOR**

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See application file for complete search history.

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(57) **ABSTRACT**

A printing apparatus comprising a printhead including two nozzle arrays neighboring in a first direction, each array including nozzles arrayed in a second direction, a determining unit for determining discharge nozzles and non-discharge nozzles for each array, a conveying unit for conveying a sheet to the first direction, a unit configured to perform (a) determining printing data such that dots corresponding to the non-discharge nozzles in one array are printed by the discharge nozzles in another array, (b) inserting null data into the printing data based on a shift amount of between printing positions of the two nozzle array, and (c) newly determining discharge nozzles and non-discharge nozzles by the determining unit based on the printing data including the null data.

15 Claims, 23 Drawing Sheets

